

Title (en)

Process for the preparation of copolymers of ethylene containing carboxylic groups

Title (de)

Verfahren zur Herstellung von carboxylgruppenhaltigen Copolymerisaten des Ethylens

Title (fr)

Procédé de préparation de copolymères d'éthylène comportant des groupements carboxyliques

Publication

EP 0648785 B1 19990804 (DE)

Application

EP 94115718 A 19941006

Priority

DE 4334846 A 19931013

Abstract (en)

[origin: EP0648785A1] The preparation of carboxyl-containing copolymers of ethylene by polymer-analogous pyrolytic ester cleavage of copolymers, comprising a) from 60 to 99.9 mol% of ethylene, b) from 0.1 to 40 mol% of (C4- to C8-tert-alkyl) esters of copolymerisable C3-C12-carboxylic acids and c) from 0 to 20 mol% of further copolymerisable monomers by carrying out the pyrolytic ester cleavage at temperatures of from 150 to 250 DEG C in the presence of organic sulphonic acids, in the absence of a solvent and in the virtual absence of initiators for free-radical reactions.

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IPC 8 full level

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CPC (source: EP US)

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